

Date, Place of Collecting and
Habitat of Plants sent to the Dept.
of Agriculture for the Summer of 1890.

No. 1. *Euphorbia trichotoma*.

Collected April 6th, 1890, at Shaw's
Point on the coast in decaying shell
hammock land.

No. 2. *Lythrum flagellare*, Shuttw.

Collected April 13th, 1890, around
the edge of a pond near Cedar Ham-
mock. Common in open ground a-
round the edges of ponds.

No. 3. *Rivina humilis*.

Collected April 6th, 1890, in Cedar
Hammock in rich, dry soil.

No. 4. *Berlandiera subcaulis*.

Collected April 5th, 1890, near Mana-
tee, on high, poor soil in pine barrens.

No. 5. *Spermacoce parviflora*.

Collected May 1st, 1890, on Long Boat
Key in dry hammock. Usually grows
in rather poor pine land. Not common.

No. 6. *Ipomoea*

Collected May 2nd 1890 north of the
Manatee River ^{near Hendrix Wharf} in dry hammock soil.

No. 7. *Verbena Aubletia?*

Collected May 2nd 1890, north of the
Manatee River near Hendrix Wharf in
rich, dry, open hammock land.

No. 8. *Ruellia strepens?*

Collected May 2nd 1890, north of the
Manatee River near Hendrix Wharf
in hammock woods.

No. 9. *Aletris aurea.*

Collected May 1st 1890, 3 miles south
of Willemsemburg in wet pine barrens.

No. 10. *Acrida Floridana.*

Collected May 1st 1890, on Long Boat
Key. Grows in damp or wet pine
lands. Not very common.

No. 11. *Calopogon Simpsoni.*

Collected May 13th 1890, in tough sod
in a pond 1 mile west of Willemsemburg.
Found in damp or wet grounds in
pine barrens.

No. 12. *Amorpha herbacea.*

Collected May 7th 1890, on the east-
shore of Palma Sola Bay in pine barrens.

No. 13. *Blechnum serrulatum.*

Collected May 7th 1890, near Manatee
in rich, rather low hammock woods.

No. 14. *Ilex Dahoon.*

Collected May 9th 1890, along a bayou.
7 miles south-east of Manatee. Grows
in damp hammock woods. Rather common.

No. 15. *Polypodium pectinatum.*

Collected May 2nd 1890, north of the
Manatee River, near Hendrix Wharf.
It grows as an epiphyte on Sabal Palmetto.

No. 16. *Nephrolepis exaltata.*

Collected May 3rd 1890, near Manatee.
Usually grows in leaf mould in dense
hammock woods; sometimes as an epi-
phyte on trees in hammocks and
rarely along ditches in open pine lands.

No. 17. *Imperata Brasiliensis?*

Collected May 3rd 1890, near Manatee along
the edges of fields in hammock lands.

No. 18. *Psychotria undata*.

Collected May 17th, 1890, at Fair Oaks, 1 mile south-east of Manatee in low hammock woods. Common in low or moist hammock woods.

No. 19. *Pomia tetraphylla*.

Collected May 17th, 1890 at Braiden Castle near Manatee in high hammock land.

No. 20. *Sophora tomentosa*.

Collected May 20th, 1890, at Shaw's Point on the coast in sandy hammock lands.

No. 20. *Coreopsis Leavenworthii*.

Collected May 16th, 1890, on the south shore of Palma Sola Bay. Grows in damp or wet land in pine barrens.

No. 22. *Polygala grandiflora*.

Collected May 16th, 1890, on the south shore of Palma Sola Bay. Grows in dry pine or hammock lands.

No. 23. *Sporobolus Floridanus*??

Collected May 16th, 1890, a mile east of Palma Sola Bay, on high, sterile pine barrens.

No. 24. *Paspalum caespitosum*.

Collected May 20th, 1890 on a shell mound on Tampa Bay, in decaying shell hammock land. Very rare; the only place I have found it.

No. 25. *Avicennia nitida*.

Collected May 13th 1890, at Tampa Bay. Grows along the coast where the roots are generally under water at high tide.

No. 26. *Xanthoxylum Pterota*.

Collected March 30th 1890, near Manatee. Grows in rather dry hammock woods.

No. 27. *Nyssa aquatica*.

Collected May 8th 1890, in a pond in the pine barrens near Braiden River.

No. 28. *Tephryanthus*

Collected May 14th 1890, 4 miles south of Manatee in flat pine barrens.

No. 29. *Lobelia paludosa*.

Collected May 6th 1890, near Palma Sola Bay. Grows in low or wet grounds in pine barrens.

No. 30. *Cypselia humifusa*.

Collected May 13th 1890, south of Oneco in a dry pine barren pond. Springs up in ponds inside of the grass line after they become dry.

No. 31. *Oenothera sinuata*, var.

Collected May 20th 1890, at Shaw's Point. Grows along the sandy coast a rod or two from tide water.

No. 32. *Cacalia ovata*.

Collected May 23rd, 1890, a mile west of Palma Sola, in low ground in pine barrens.

No. 33. *Asclepias pauperula*.

Collected May 12th, 1890, in a pond in tough sod near Oneco. Rare.

No. 34. *Sesuvium pentandrum*.

Collected May 2nd, 1890, north of the Manatee River near Hendrix Wharf in damp ground in hammock land.

No. 35. *Aplopappus rubiginosus*.

Collected May 5th, 1890, at Shaw's Point. Grows along the sandy coast. Rare.

No. 36. *Samolus cbracteatus*.

Collected May 6th, 1890, ~~at~~ Palma Sola Bay, on dry land adjoining the pine barrens.

No. 37. *Clematis Baldwinii*.

Collected May 12th, 1890, 3 miles south of Manatee in flat pine barrens.

No. 38. *Amaranthum angustifolium*.

Collected May 12th, 1890, 4 miles south of Manatee in damp pine barrens.

No. 39. *Smilax lanceolata*?

Collected May 12th, 1890, at Oneco. Grows in

low or wet land in hammocks or streams running through pine barrens.

No. 40. *Paspalum plicatulum*?

Collected May 21st, 1890, at Cedar Hammock in the edge of a field in rich, dry soil. A magnificent grass. Rare.

No. 41. *Vincetoxicum palustre*.

Collected May 23rd, 1890, at Shaw's Point, on high, dry, sandy land above the reach of high tide. Very rarely grows in wet land.

No. 42. *Panicum Crus-galli*?

Collected at intervals of several weeks. Grows in hammock lands, either in water or where it is dry enough for cultivation. Culms solid; root perennial.

No. 43. *Diplachne dubia*.

Collected May 30th, 1890, at Tampa Bay, in ^{dry} decaying-shell hammock land.

No. 44. *Persea Carolinesis*.

Collected May 24th, 1890, in Gates Hammock near Manatee. Grows in moist or dry hammock woods. Common.

No. 45. *Houstonia angustifolia*.
Collected May 13th, 1890, at Tampa Bay,
in dry, decaying-shell hammock land.

No. 46. *Sagittaria*

Collected May 9th, 1890, in Big Saw Grass
Bayou, 6 miles south-east of Manatee,
in muck land. Grows in muck ponds.

No. 47. *Kosteletzkya althaeifolia*.

Collected May 19th, 1890, north of the Man-
atee River, near Hendrix Wharf in rich,
moist, open hammock land. Rare.

No. 48. *Bumelia cuneata*.

Collected May 21st, 1890, at Cedar Ham-
mock, 3½ miles south of Willemsemburg.
Grows in hammock woods, in the edges
of pine barrens adjoining hammock
woods or along streams.

No. 49. *Coccoloba uvifera*.

Collected May 13th, 1890, at Shaw's Point.
Grows along the coast. Common.

No. 50. *Sapindus marginatus*.

Collected May 26th, 1890, on Sneed's Island.
Grows on high, decaying-shell hammocks
usually on shell mounds. Tree. Rare.

No. 51.
Pentstemon laevigatus, var. *Digitalis*.
Collected May 28th, 1890, 6 miles south-
east of Manatee in flat pine barrens.

No. 52. *Erythrina herbacea*.
Collected March, 90th, 1890, in Manatee.
Grows in hammocks. Blooms several
weeks before leaving out. Blossoms all
killed by frost March 17th, 1890.

No. 53. *Magnolia glauca*.
Collected June 4th, 1890, 4 miles south
of Manatee in a damp hammock.

No. 54. *Epidendrum venosum*.
Collected May 31st, 1890, 4 miles south-
east of Manatee, as an epiphyte on
Quercus aquatica, in a low hammock.

No. 55. *Psilotum triguetrum*.
Collected May 31st, 1890, under a
Sabal Palmetto near Manatee. Very rare.

No. 56. *Psoralea canescens*.
Collected June 5th, 1890, 1 mile from Braid-
entown in high, dry, sterile oak scrub.

No. 57. *Breweria grandiflora*.
Collected June 18th, 1890, near Palma Sola,
in spruce pine barrens of the most sterile
quality.

No. 58. *Vittaria lineata*.
Collected June 9th 1890 in Cedar Hammock on ~~more or less decaying logs~~ ^{trunks of Sabal Palmetto}.

No. 59. *Polypodium Phyllitidis*.
Collected June 9th 1890, in Cedar Hammock on more or less decaying logs.

No. 60. *Asclepias tomentosa*.
Collected June 4th 1890, 5 miles S.W. of Braidentown in flat pine barrens.

No. 61. *Asclepias*
Collected May 28th 1890, 8 miles S.E. of Manatee ^{in the} in flat pine barrens. Without doubt *A. Simpsoni*, Chapm. Very rare.

No. 62. *Asclepias tomentosa*.
Collected May 28th 1890, 10 miles S.E. of Manatee in flat pine barrens.

No. 63. *Mitreola petiolata*.
Collected June 11th 1890, 4 miles S.E. of Manatee in the edge of a pond in pine barrens.

No. 64. *Petalostemon carneus*.
Collected June 11th 1890, 4 miles S.E. of Manatee in pine barrens among saw palmettoes.

No. 65. *Hamelia patens*.
Collected June 12th 1890, on a shell mound

at Tampa Bay. Common in hammock woods.

No. 66. *Ipomoea sagittata*.
Collected June 13th 1890, a few rods from Palma Sola Bay in damp or wet ground.

No. 67. *Ipomoea sinuata*.
Collected June 12th 1890, on a shell mound at Tampa Bay in hammock soil.

No. 68. *Cuscuta*
Collected June 4th 1890, at the mouth of Bowley's Creek Sarasota Bay in flat pine barrens.

No. 69. *Suaeda linearis*.
Collected May 27th 1890, on the east shore of Perico's Bayou on the sandy beach.

No. 70. *Panicum paspaloides*.
Collected June 7th 1890, in a rich hammock pond near Manatee.

No. 71. *Cacalia Floridana*.
Collected June 6th 1890, a few rods from the Manatee River, near Shaw's Point in high, dry, sterile oak scrub.

No. 72. *Euphorbia pilulifera*.
Collected June 2nd 1890, near Braidentown in dry, cultivated pine soil.

No. 73. *Euphorbia simpsoni*, Chapman
Collected June 6th, 1890, near Palma Sola in
high, dry, sterile ground in pine barrens.

No. 74. *Hymenocallis*
Collected May 27th, 1890, 50 or 60 rods north
of Palma Sola Bay in low, rich ground.

No. 75. *Cacalia lanceolata*.
Collected May 28th, 1890, 8 miles S.E.
of Manatee on the edge of a pine barren pond.

No. 76. *Laguncularia racemosa*.
Collected June 6th, 1890, at Shaw's
Point on sandy beach of the Manatee River.

No. 77. *Asclepias verticillata*.
Collected May 20th, 1890, 6 miles
S.E. of Manatee in a pond in the
pine barrens. Rare.

No. 78 *Chrysopsis scabrella*
Collected June 5th, 1890, one mile
south of Braidentown in high, dry
oak scrub land, in an open place
along a fence - partly in the road
and partly in the edge of an orange
grove. The only place I have ever found it.

J. H. Simpson,
Manatee, Fla.